Program for FASEB Conference on
"UBIQUITIN AND PROTEIN DEGRADATION"
June 20-25, 1993
Vermont Academy, Saxtons River, VT

RICHARD D. VIERSTRA, chair (University of Wisconsin)
J. FRED DICE, vice-chair (Tufts University)

21 June-Session I: ENZYMATIC SYSTEMS FOR UBIQUITIN CONJUGATION.

Chair: **Richard Vierstra**

William Cook (Univ. of Alabama-Birmingham)	Structural Analysis of the Ubiquitin System
Stephan Jentsch (Univ. of Tubingen, Germany)	Cellular Functions of Ubiquitin Conjugation
Richard Vierstra (Univ. of Wisconsin	Structure/Function of Enzymes Involved in Ubiquitin Conjugation
Cecile Pickart (Univ. of Buffalo)	Enzymes Involved in Ubiquitin Conjugation

Session II: MECHANISM FOR UBIQUITIN CONJUGATION AND DISASSEMBLY.

Chair: **Stephan Jentsch**

Michael Ellison (Univ. of Alberta, Canada)	Mechanisms of Ubiquitin Conjugation
Aaron Ciechanover (Technion, Israel)	Novel Enzymes Involved in Ubiquitin Conjugation and Conjugate Degradation
Keith Wilkinson (Emory Univ.)	Ubiquitin C-Terminal Hydrolases
Rohan Baker (Australian National Univ.)	Functional Analysis of Ubiquitin-Specific Proteases in Yeast

22 June-Session III: SPECIFICITY OF UBIQUITINATION

Chair: **Aaron Ciechanover**

Alexander Varshavsky (Caltech)	The N-end Rule: Mechanisms, Functions, and Applications

Source: https://www.industrydocuments.ucsf.edu/docs/yymv0000

Mark Gosink (Univ. of Wisconsin)	Engineering Ubiquitin Conjugating Enzymes with Predefined Specificity
Robert Cohen (UCLA)	Specificity of Ubiquitin Conjugation
Daniel Finley (Harvard Univ.)	Signalling in the Ubiquitin Pathway

Session IV: FUNCTIONS OF THE UBIQUITIN SYSTEM.

Chair: **Arthur Haas**

Arthur Haas (Medical College of Wisconsin)	Enzymology of Ubiquitin Cross-Reacting Protein
R.John Mayer (Queens Medical Centre, UK)	Ubiquitin, Lysosomes and Neurodegenerative Diseases
Wolf H. Kanau/ **Franziska Wiebel** (Univ. of Bochum, Germany)	A Ubiquitin-Conjugating Enzyme Involved in Peroxisomal Biogenesis
Linda Guarino (Texas A&M)	Phosphatidic Acid Anchors Ubiquitin to the Membrane of Baculoviruses

23 June-Session V: TARGETING OF SPECIFIC PROTEINS TO THE UBIQUITIN SYSTEM.

Chair, **Daniel Finley**

Mark Hochstrasser (Univ of Chicago)	Ubiquitin-Dependent Degradation of the Yeast MATα2 Transcription Factor
Peter Howley (NCI-NIH)	The Human Papillomavirus E6 Oncoprotein Promotes the Degradation of p53
Avram Hershko (Technion, Israel)	Mechanisms and Regulation of Cyclin Degradation
Jeremy Thorner/ **Sofia Salama** (Univ. of California-Berkeley)	G1 Cyclin Degradation

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Session VI: 20S AND 26S PROTEASOME AND ANTIGEN PRESENTATION.

Chair, **Peter Kloetzel**

Alfred Goldberg (Harvard Univ.)	Regulation of Proteasome Function in Mammalian Cells
Martin Rechsteiner/ **Laura Hoffman** (Univ. of Utah)	Assembly of the 26S Proteosome
Keiji Tanaka (Univ. of Tokushima, Japan)	Structure and Function of the 26S Proteasome
Peter Kloetzel (Univ of Heidelberg, Germany)	Molecular Analysis and Functions of 20S Proteasomes
John Monaco (Virgina Commonwealth Univ.)	Role of the 20S Proteasome in Antigen Presentation

24 June-Session VII: PROTEIN DEGRADATION IN PROKARYOTES.

Chair: **Michael Maurizi**

Susan Gottesman (NCI-NIH)	Energy-Dependent Protein Degradation in *E. coli*
Michael Maurizi (NCI-NIH)	ATP-Dependent Proteolytic Degradation in *E. coli*
Michael Sherman (Harvard Univ.)	The Involvement of Multiple Chaperones in Protein Degradation
Harrison Echols (Univ. of California-Berkeley)	
Maciaj Zylicz (Univ. of Gdansk, Poland)	Protein Degradation by ClpX/ClpP ATP-dependent Protease
Lee Simon (Rutgers Univ.)	Biochemistry of PinA/Lon Interactions

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Session VIII: PROTEIN DEGRADATION IN ORGANELLES.

Chair: **J. Fred Dice**

Dieter Wolf (Univ. of Stuttgart, Germany)	Studies on Mechanism and Function of Proteolysis in Different Intracellular Compartments of Yeast
J. Fred Dice (Tufts Univ.)	Selective Transport of Protein Targets into the Lysosome
Robert Simoni	Protein Degradation in the Endoplasmic Recticulum
Thomas Wileman (Beth Israel Hosp. Boston)	Regulation of Protein Degradation in the Endoplasmic Reticulum
John Shanklin (Brookhaven National Lab, NY)	Protein Degradation in Chloroplasts: Presence of ClpA/P Homologs

25 June-Session IX: NEW FRONTIERS IN PROTEOLYSIS.

Chairs: **Avram Hershko and Alfred Goldberg**

Short talks by scientists with novel poster presentations. List of speakers will be chosen at the meeting.

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